


```
: 1 0001 0 MODULE LIB$GETSYI ( %TITLE 'Get System-Wide Information'
: 2 0002 0 IDENT = '1-007' ! File: LIBGETSYI.B32 Edit: MDL1007
: 3 0003 0 ) =
: 4 0004 1 BEGIN
: 5 0005 1 !
: 6 0006 1 !*****+
: 7 0007 1 *
: 8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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:25 0025 1 *
:26 0026 1 *
:27 0027 1 !*****+
:28 0028 1 *
:29 0029 1 *
:30 0030 1 +++
:31 0031 1 FACILITY: General Utility Library
:32 0032 1
:33 0033 1 ABSTRACT:
:34 0034 1
:35 0035 1 LIB$GETSYI obtains a specified item of System-Wide
:36 0036 1 and formats it in an appropriate manner.
:37 0037 1
:38 0038 1 ENVIRONMENT: User mode - AST reentrant
:39 0039 1
:40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 11-Jan-1983
:41 0041 1
:42 0042 1 MODIFIED BY:
:43 0043 1
:44 0044 1 1-001 - Original. SBL 11-Jan-1983
:45 0045 1 1-002 - Change format codes to LIB$K_FMT . SBL 11-Mar-1983
:46 0046 1 1-003 - Change string length to 512. SBC 11-Mar-1983
:47 0047 1 1-004 - Add support for new argument to SYS$GETSYI - NODENAME and
:48 0048 1 CSID. DG 19-Oct-1983
:49 0049 1 1-005 - Take out support added in 004 temporarily. DG 18-Feb-1984
:50 0050 1 1-006 - Add support from 004 again - this time only passing the
:51 0051 1 optional arguments if they are present. DG 20-Mar-1984
:52 0052 1 1-007 - Optional argument CSID should be passed as a 0 by value if not
:53 0053 1 present, not by reference. MDL 19-Jul-1984
:54 0054 1 --
:55 0055 1
```

```
: 57    0056 1 %SBTTL 'Declarations'  
: 58    0057 1  
: 59    0058 1 PROLOGUE FILE:  
: 60    0059 1  
: 61    0060 1  
: 62    0061 1 REQUIRE 'RTLIN:LIBPROLOG';           ! Switches, PSECTS, macros  
: 63    0132 1  
: 64    0133 1  
: 65    0134 1 LINKAGES:  
: 66    0135 1  
: 67    0136 1      NONE  
: 68    0137 1  
: 69    0138 1 TABLE OF CONTENTS:  
: 70    0139 1  
: 71    0140 1  
: 72    0141 1 FORWARD ROUTINE  
: 73    LIB$GETSYI;                           ! Get System-Wide Information  
: 74    0142 1  
: 75    0143 1  
: 76    0144 1 MACROS:  
: 77    0145 1  
: 78    0146 1  
: 79    0147 1      NONE  
: 80    0148 1  
: 81    0149 1 EQUATED SYMBOLS:  
: 82    0150 1  
: 83    0151 1      NONE  
: 84    0152 1  
: 85    0153 1 FIELDS:  
: 86    0154 1  
: 87    0155 1      NONE  
: 88    0156 1  
: 89    0157 1 OWN STORAGE:  
: 90    0158 1  
: 91    0159 1      NONE  
: 92    0160 1  
: 93    0161 1 EXTERNALS:  
: 94    0162 1  
: 95    0163 1  
: 96    0164 1 EXTERNAL ROUTINE  
: 97    LIB$GETSYI,                            ! Internal routine  
: 98    LIB$ANALYZE_SDESC_R2: LIB$ANALYZE_SDESC_R2$LINKAGE, ! Get length and pointer  
: 99    LIB$GET_EF,                            ! Allocate event flag number  
: 100   LIB$FREE_EF: NOVALUE,                  ! Free event flag number  
: 101   LIB$SCOPY_R_DX6: LIB$SCOPY_R_DX6$LINKAGE; ! Copy string by reference.  
: 102   0171 1 EXTERNAL LITERAL  
: 103   0172 1      LIB$INVARG,                 ! Invalid argument  
: 104   0173 1      LIB$STRTRU;                  ! String truncated
```

```
: 106      0174 1 %SBTTL 'LIB$GETSYI - Get Device/Volume Information'
: 107      0175 1 GLOBAL ROUTINE LIB$GETSYI (
: 108          0176 1     ITEM_CODE: REF VECTOR [. WORD],           ! Code of desired item
: 109          0177 1     OUT_VALUE: REF VECTOR [. LONG],        ! Output numeric value
: 110          0178 1     OUT_STRING: REF BLOCK [. BYTE],       ! Output string descriptor
: 111          0179 1     OUT_LEN: REF VECTOR [. WORD],        ! Output string length
: 112          0180 1     CSID: REF VECTOR [. LONG],         ! Node identification (CSID)
: 113          0181 1     NODE_NAME: REF BLOCK [. BYTE]        ! Node name descriptor
: 114          0182 1     ) =
: 115
: 116          0183 1
: 117          0184 1     ++
: 118          0185 1     FUNCTIONAL DESCRIPTION:
: 119          0186 1
: 120          0187 1     LIB$GETSYI provides a simplified interface to the $GETSYI system
: 121          0188 1     service. It provides status and identification information about
: 122          0189 1     the system.
: 123          0190 1
: 124          0191 1     LIB$GETSYI provides the following features in addition to those
: 125          0192 1     provided by the $GETSYI system service:
: 126          0193 1
: 127          0194 1     o Instead of a list of item descriptors, which may be
: 128          0195 1     difficult to construct in high-level languages, the
: 129          0196 1     single item desired is specified as an integer code
: 130          0197 1     which is passed by reference. Results are written to
: 131          0198 1     separate arguments.
: 132          0199 1
: 133          0200 1     o For items which return numeric values, LIB$GETSYI can
: 134          0201 1     optionally provide a formatted string interpretation of
: 135          0202 1     the value.
: 136          0203 1
: 137          0204 1     o For string arguments, all string classes supported by
: 138          0205 1     the Run-Time Library are understood.
: 139          0206 1
: 140          0207 1     o Calls to LIB$GETSYI are synchronous. LIB$GETSYI calls
: 141          0208 1     LIB$GET_EF to allocate a local event flag number for
: 142          0209 1     synchronization.
: 143          0210 1
: 144          0211 1     LIB$GETSYI does not provide the ability to obtain more than one
: 145          0212 1     item of information in a single call.
: 146          0213 1
: 147          0214 1     CALLING SEQUENCE:
: 148          0215 1
: 149          0216 1     ret-status.wlc.v = LIB$GETSYI (
: 150          0217 1         item-code.rw.r,
: 151          0218 1         [out-value.wz.r]
: 152          0219 1         [, [out-string.wt.dx]
: 153          0220 1         [, [out-len.wwu.r] ]]
: 154          0221 1         [, csid.mlu.r]
: 155          0222 1         [, node-name.rt.dx])
: 156          0223 1
: 157          0224 1     FORMAL PARAMETERS:
: 158          0225 1
: 159          0226 1     item-code
: 160          0227 1     A longword integer item identifier code that specifies which item
: 161          0228 1     of information you are requesting. All valid $GETSYI item codes,
: 162          0229 1     whose names begin with SYIS_, are accepted.
```

: 163 0231 1 ! out-value
: 164 0232 1 A longword or quadword into which is placed the numeric
: 165 0233 1 value of the information requested. If an item only returns
: 166 0234 1 a string value, this parameter is ignored.
: 167 0235 1
: 168 0236 1 ! out-string
: 169 0237 1 A string into which is placed the string representation of
: 170 0238 1 the information requested. If out-string is not specified,
: 171 0239 1 and the value returned has only a string representation, the
: 172 0240 1 error status LIBS_INVARG is returned.
: 173 0241 1
: 174 0242 1 ! out-len
: 175 0243 1 A word integer into which is placed the number of significant
: 176 0244 1 characters written to out-string, not including blank padding
: 177 0245 1 or truncated characters.
: 178 0246 1
: 179 0247 1 ! csid
: 180 0248 1 A longword specifying the node identification (CSID) of the
: 181 0249 1 node for which information is to be returned. If not
: 182 0250 1 specified, node-name is used. The longword is updated to
: 183 0251 1 contain the CSID actually used, which may be different than
: 184 0252 1 what was originally specified if node-name is specified or
: 185 0253 1 if "wild card node searching" is used.
: 186 0254 1
: 187 0255 1 ! node-name
: 188 0256 1 A string specifying the name of the node for which
: 189 0257 1 information is to be returned. If not specified, csid
: 190 0258 1 is used. If neither node-name or csid are
: 191 0259 1 specified, the caller's node is used. See the
: 192 0260 1 description of the csid argument for more information.
: 193 0261 1
: 194 0262 1 ! IMPLICIT INPUTS:
: 195 0263 1 NONE
: 196 0264 1
: 197 0265 1
: 198 0266 1 ! IMPLICIT OUTPUTS:
: 199 0267 1 NONE
: 200 0268 1
: 201 0269 1
: 202 0270 1 ! COMPLETION STATUS:
: 203 0271 1
: 204 0272 1 SSS_NORMAL Normal successful completion
: 205 0273 1 LIB\$_STRTRU String truncated. This is an alternate success status.
: 206 0274 1 LIB\$_INSEF Insufficient event flags
: 207 0275 1 LIB\$_INVSTRDES Invalid string descriptor
: 208 0276 1 LIB\$_WRONUMARG Wrong number of arguments
: 209 0277 1 LIB\$_xxx Any error status from LIB\$COPY_R_DX
: 210 0278 1 SSS_BADPARAM The item code is not recognized as valid.
: 211 0279 1 SSS_xxx Any error status from \$GETSYI
: 212 0280 1
: 213 0281 1 ! SIDE EFFECTS:
: 214 0282 1 NONE
: 215 0283 1
: 216 0284 1
: 217 0285 1 !--

```
: 219      0286 2      BEGIN
: 220      0287 2
: 221      0288 2      LOCAL
: 222      0289 2      RET_STRING: VECTOR [512, BYTE],      ! Local string for value
: 223      0290 2      RET_LENGTH: WORD           ! Length of RET STRING
: 224      0291 2      RET_NUMBER: VECTOR [2, LONG],    ! Local quadword for value
: 225      0292 2      RET_TYPE,          ! Returned type code
: 226      0293 2      EVENT FLAG,        ! Event flag number
: 227      0294 2      EF_STATUS, SYI_STATUS, COPY_STATUS, ! Return statuses
: 228      0295 2      STR_STATUS,
: 229      0296 2      LCL_NODE_NAM_DSC: BLOCK [8, BYTE], ! Local descriptor for NODE_NAM
: 230      0297 2      NODE_NAM_DSC_ADR;       ! Address of NODE_NAM descriptor
: 231      0298 2
: 232      0299 2      BUILTIN
: 233      0300 2      NULLPARAMETER;
: 234      0301 2
: 235      0302 2      !+ Validate argument count.
: 236      0303 2      !-
: 237      0304 2
: 238      0305 2
: 239      0306 2      $LIB$VALIDATE_ARGCOUNT (2,6);
: 240      0307 2
: 241      0308 2      !+
: 242      0309 2      !- Build static descriptor for NODE_NAME, if any.
: 243      0310 2      !-
: 244      0311 2
: 245      0312 2      IF NULLPARAMETER (6)
: 246      0313 2      THEN
: 247      0314 2      NODE_NAM_DSC_ADR = 0      ! Omitted
: 248      0315 2      ELSE
: 249      0316 3      BEGIN
: 250      0317 3      LCL_NODE_NAM_DSC [DSC$B_DTYPE] = DSC$K_DTYPE_I;
: 251      0318 3      LCL_NODE_NAM_DSC [DSC$B_CLASS] = DSC$K_CLASS_S;
: 252      0319 3      STR_STATUS = LIB$ANALYZE_SDESC_R2 (NODE_NAME-[0,0,0,0]);
: 253      0320 3      LCL_NODE_NAM_DSC [DSC$W_LENGTH], LCL_NODE_NAM_DSC [DSCSA_POINTER]);
: 254      0321 3      IF NOT .STR_STATUS
: 255      0322 3      THEN
: 256      0323 3      RETURN .STR_STATUS;
: 257      0324 3      NODE_NAM_DSC_ADR = LCL_NODE_NAM_DSC;
: 258      0325 2      END;
: 259      0326 2
: 260      0327 2      !+
: 261      0328 2      !- Allocate an event flag number to use for the SGETSYI.
: 262      0329 2
: 263      0330 2
: 264      0331 2      EF_STATUS = LIB$GET_EF (EVENT_FLAG);
: 265      0332 2      IF NOT .EF_STATUS
: 266      0333 2      THEN
: 267      0334 2      RETURN .EF_STATUS;
: 268      0335 2
: 269      0336 2      !+
: 270      0337 2      !- Call LIB$SGETSYI to do the work.
: 271      0338 2
: 272      0339 2
: 273      0340 2      SYI_STATUS = LIB$SGETSYI (
: 274      0341 2      .ITEM_CODE [0],
: 275      0342 2      RET_STRING.
```

```
: 276      0343 2      RET_NUMBER,  
: 277      0344 2      RET_LENGTH,  
: 278      0345 2      RET_TYPE,  
: 279      0346 2      .EVENT_FLAG,  
: 280      0347 2      ( IF NULLPARAMETER (5)  
: 281      0348 2      THEN  
: 282      0349 2      0 ! Omitted  
: 283      0350 2      ELSE  
: 284      0351 2      CSID ),  
: 285      0352 2      .NODE_NAM_DSC_ADR);  
:  
: 287      0354 2      !+ Free the event flag.  
: 288      0355 2      !-  
:  
: 290      0357 2      LIB$FREE_EF (EVENT_FLAG);  
:  
: 292      0359 2      !+ Check for errors.  
: 293      0360 2      !-  
:  
: 295      0361 2      IF NOT .SYI_STATUS  
: 296      0362 2      THEN  
: 297      0363 2      RETURN .SYI_STATUS;  
:  
: 301      0368 2      !+ Copy the numeric value, if desired.  
: 302      0369 2      !-  
:  
: 304      0370 2      IF OUT_VALUE [0] NEQA 0  
: 305      0371 2      THEN  
: 306      0372 2      BEGIN  
: 307      0373 2      IF .RET_TYPE GTRU LIB$K_FMT_MAXSTRING ! Is it a number?  
: 308      0374 3      THEN  
: 309      0375 3      BEGIN  
: 310      0376 3      OUT_VALUE [0] = .RET_NUMBER [0];  
: 311      0377 4      IF .RET_TYPE EQL LIB$K_FMT_DATE OR  
: 312      0378 4      .RET_TYPE EQL LIB$K_FMT_PRIVILEGE  
: 313      0379 4      THEN  
: 314      0380 4      OUT_VALUE [1] = .RET_NUMBER [1]; ! Store second longword  
: 315      0381 4      END;  
: 316      0382 4      END;  
: 317      0383 3      END;  
:  
: 318      0384 2      !+  
: 319      0385 2      Store string value if desired.  
: 320      0386 2      !-  
:  
: 322      0387 2      IF NOT NULLPARAMETER (3)  
: 323      0388 2      THEN  
: 324      0389 2      BEGIN  
: 325      0390 2      COPY STATUS = LIB$COPY_R_DX6 (.RET_LENGTH, RET_STRING,  
: 326      0391 2      OUT_STR, [0,0,0,0]);  
: 327      0392 3      IF NOT NULLPARAMETER (4)  
: 328      0393 3      THEN  
: 329      0394 3      BEGIN  
: 330      0395 3      !+  
: 331      0396 3      ! Store result string length.  
: 332      0397 4  
: 333      0398 4  
: 334      0399 4
```

```

: 333 0400 4      !-
: 334 0401 4      OUT_LEN [0] = .RET_LENGTH;
: 335 0402 4      IF .COPY_STATUS EQ[U LIBS_STRTRU
: 336 0403 4      THEN
: 337 0404 4      LIBSANALYZE_SDESC_R2 (OUT_STRING [0,0,0,0]; OUT_LEN [0]);
: 338 0405 3      END;
: 339 0406 3      RETURN .COPY_STATUS;
: 340 0407 3      END
: 341 0408 2      ELSE IF .RET_TYPE LEQU LIBSK_FMT_MAXSTRING
: 342 0409 2      THEN
: 343 0410 2      RETURN LIBS_INVARG; ! Only string value, but nothing to return it in
: 344 0411 2
: 345 0412 2      RETURN SSS_NORMAL; ! Success
: 346 0413 2
: 347 0414 1      END:                                ! End of routine LIB$GETSYI

```

```

.TITLE LIB$GETSYI Get System-Wide Information
.IDENT \1-007\

```

```

.EXTRN LIB$GETSYI, LIBSANALYZE_SDESC_R2
.EXTRN LIB$GET_EF, LIB$FREE_EF
.EXTRN LIB$COPY_R_DX6
.EXTRN LIBS_INVARG, LIBS_STRTRU
.EXTRN LIBS_WRONUMARG

```

```
.PSECT _LIB$CODE,NOWRT, SHR, PIC,2
```

| | | | | | |
|--|--|--------------|-------------------|--|------|
| | | | 00FC 00000 | .ENTRY LIB\$GETSYI, Save R2,R3,R4,R5,R6,R7 | 0175 |
| | | 57 00000000G | 00 9E 00002 | MOVAB LIBSANALYZE_SDESC_R2, R7 | |
| | | 5E FDE4 | CE 9E 00009 | -540(SP), SP | |
| | | 6C 04 | 02 83 0000E | #2, (AP), DIFF | 0306 |
| | | 50 04 | 50 91 00012 | CMPB DIFF, #4 | |
| | | 50 00000000G | 08 1B 00015 | BLEQU 1\$ | |
| | | | 0F 0001E | MOVL #LIBS_WRONUMARG, R0 | |
| | | | 06 6C 91 0001F | RET | |
| | | | 18 05 1F 00022 | CMPB (AP), #6 | 0312 |
| | | | 06 18 AC D5 00024 | BLSSU 2\$ | |
| | | | 04 04 12 00027 | TSTL 24(AP) | |
| | | | 06 18 53 D4 00029 | BNEQ 3\$ | |
| | | | 05 1B 11 0002B | CLRL NODE_NAM_DSC_ADR | 0314 |
| | | OE 0E | 010E 8F B0 0002D | BRB 4\$ | |
| | | | 18 50 AC D0 00033 | MOVW #270, LCL_NODE_NAM_DSC+2 | 0317 |
| | | | 06 67 18 00037 | MOVL NODE_NAME, R0 | 0320 |
| | | OC 10 | AE 51 80 00039 | JSB LIBSANALYZE_SDESC_R2 | |
| | | | AE 52 00 0003D | MOVW R1, LCL_NODE_NAM_DSC | |
| | | | 0E 50 E9 00041 | MOVL R2, LCL_NODE_NAM_DSC+4 | |
| | | 53 | 0C AE 9E 00044 | BLBC STR_STATUS, 5\$ | 0321 |
| | | | 08 AE 9F 00048 | MOVAB LCL_NODE_NAM_DSC, NODE_NAM_DSC_ADR | 0324 |
| | | 00 01 | 01 FB 0004B | PUSHAB EVENT_FLAG | 0331 |
| | | | 50 E8 00052 | CALLS #1, LIB\$GET_EF | |
| | | | 04 00055 | BLBS EF_STATUS, 6\$ | 0332 |
| | | 05 | 53 DD 00056 | PUSHL NODE_NAM_DSC_ADR | 0352 |
| | | | 6C 91 00058 | CMPB (AP), #5 | 0347 |
| | | | 05 1F 0005B | BLSSU 7\$ | |
| | | | 14 AC D5 0005D | TSTL 20(AP) | |

| | | | | | |
|-----------|-----------|-------------------|------------|----------------------------|------|
| | | 04 12 00060 | BNEQ | 8\$ | |
| | | 7E D4 00062 | CLRL | -(SP) | |
| | | 06 11 00064 | BRB | 9\$ | |
| 50 | 14 | AC 9E 00066 | MOVAB | CSID, RO | |
| | | 50 DD 0006A | PUSHL | RO | |
| | 10 | AE DD 0006C | PUSHL | EVENT FLAG | 0346 |
| | 0C | AE 9F 0006F | PUSHAB | RET_TYPE | 0340 |
| | 14 | AE 9F 00072 | PUSHAB | RET_LENGTH | |
| | 28 | AE 9F 00075 | PUSHAB | RET_NUMBER | |
| | 34 | AE 9F 00078 | PUSHAB | RET_STRING | |
| 00000000G | 7E | 04 8C 3C 0007B | MOVZWL | @ITEM_CODE, -(SP) | 0341 |
| | 00 | 08 FB 0007F | CALLS | #8, LIB\$SGETSYI | |
| | 52 | 50 D0 00086 | MOVL | RO, SYI_STATUS | |
| 00000000G | 00 | 08 AE 9F 00089 | PUSHAB | EVÉNT FLAG | 0358 |
| | 04 | 01 FB 0008C | CALLS | #1, LIB\$FREE_EF | |
| | 50 | 52 E8 00093 | BLBS | SYI_STATUS, TOS | 0364 |
| | | 52 D0 00096 | MOVL | SYI_STATUS, RO | 0366 |
| | 50 | 04 00099 | RET | | |
| | 08 | AC D0 0009A | MOVL | OUT_VALUE, RO | 0372 |
| | 18 | 13 0009E | BEQL | 12\$ | |
| 03 | | 6E D1 000A0 | CMPL | RET_TYPE, #3 | 0375 |
| | | 13 1B 000A3 | BLEQU | 12\$ | |
| 60 | 14 | AE D0 000A5 | MOVL | RET_NUMBER, (RO) | 0378 |
| 0B | | 6E D1 000A9 | CMPL | RET_TYPE, #11 | 0379 |
| | | 05 13 000AC | BEQL | 11\$ | |
| 0C | | 6E D1 000AE | CMPL | RET_TYPE, #12 | 0380 |
| | | 05 12 000B1 | BNEQ | 12\$ | |
| 04 | A0 | 18 AE D0 000B3 | MOVL | RET_NUMBER+4, 4(RO) | 0382 |
| 03 | | 6C 91 000B8 | CMPB | (AP), #3 | 0390 |
| | | 40 1F 000BB | BLSSU | 14\$ | |
| | 0C | AC D5 000BD | TSTL | 12(AP) | |
| | | 3B 13 000C0 | BEQL | 14\$ | |
| 51 | 1C | AE 9E 000C2 | MOVAB | RET_STRING, R1 | 0393 |
| 52 | 0C | AC D0 000C6 | MOVL | OUT_STRING, R2 | 0394 |
| 50 | 04 | AE 3C 000CA | MOVZWL | RET_LENGTH, RO | |
| 00000000G | 00 | 16 000CE | JSB | LIB\$COPY_R DX6 | |
| 53 | 50 | D0 000D4 | MOVL | RO, COPY_STATUS | |
| 04 | | 6C 91 000D7 | CMPB | (AP), #4 | 0395 |
| | | 1D 1F 000DA | BLSSU | 13\$ | |
| | 10 | AC D5 000DC | TSTL | 16(AP) | |
| | | 18 13 000DF | BEQL | 13\$ | |
| 00000000G | 10 | BC 04 AE B0 000E1 | MOVW | RET_LENGTH, @OUT_LEN | 0401 |
| | 8F | 53 D1 000E6 | CMPL | COPY_STATUS, #LIB\$_STRTRU | 0402 |
| | | 0A 12 000ED | BNEQ | 13\$ | |
| 50 | 0C | AC D0 000EF | MOVL | OUT_STRING, RO | 0404 |
| | | 67 16 000F3 | JSB | LIB\$ANALYZE_SDESC_R2 | |
| 10 | BC | 51 B0 000F5 | MOVW | R1, @OUT_LEN | 0406 |
| 50 | | 53 D0 000F9 | 13\$: MOVL | COPY_STATUS, RO | |
| | | 04 000FC | RET | | 0408 |
| 03 | | 6E D1 000FD | CMPL | RET_TYPE, #3 | |
| | | 08 1A 00100 | BGTRU | 15\$ | |
| 50 | 00000000G | 8F D0 00102 | MOVL | #LIB\$INVARG, RO | 0410 |
| | | 04 00109 | RET | | |
| 50 | | 01 D0 0010A | 15\$: MOVL | #1, RO | 0412 |
| | | 04 0010D | RET | | 0414 |

: Routine Size: 270 bytes. Routine Base: _LIB\$CODE + 0000

LIB\$GETSYI
1-007

Get System-Wide Information
.B\$GETSYI - Get Device/Volume Information

K 12
16-Sep-1984 01:03:20
14-Sep-1984 12:39:00
VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]LIBGETSYI.B32;1

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(4)

1-

LIB\$GETSYI Get System-Wide Information
1-007 LIB\$GETSYI - Get Device/Volume Information L 12
: 349 0415 1 END 16-Sep-1984 01:03:20 VAX-11 Bliss-32 v4.0-742
: 350 0416 1 14-Sep-1984 12:39:00 [LIBRTL.SRC]LIBGETSYI.B32:1 Page 10 (5)
: 351 0417 0 ELUDOM ! End of module LIB\$GETSYI

PSECT SUMMARY

| Name | Bytes | Attributes |
|------------|-------|---|
| _LIB\$CODE | 270 | NOVEC,NOURT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2) |

Library Statistics

| File | ----- Symbols ----- | Pages | Processing |
|---------------------------------------|--------------------------------|--------|------------|
| | Total Loaded Percent | Mapped | Time |
| \$255\$DUA28:[SYSLIB]STARLET.L32:1 | 9776 7 0 | 581 | 00:00.8 |
| \$255\$DUA28:[LIBRTL.OBJ]RTLLIB.L32:1 | 36 6 16 | 8 | 00:00.1 |

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LISS:LIBGETSYI/OBJ=OBJ\$:LIBGETSYI MSRC\$:LIBGETSYI/UPDATE=(ENH\$:LIBGETSYI)

Size: 270 code + 0 data bytes
Run Time: 00:05.1
Elapsed Time: 00:23.5
Lines/CPU Min: 4867
Lexemes/CPU-Min: 17206
Memory Used: 107 pages
Compilation Complete

0207 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
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LIBFLUND
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LIBGETSYI
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LIBICHAR
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LIBINITIA
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LIBFIXUFF
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LIBGETFOR
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LIBGETINP
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